Listing of Claims:

This listing of claims reflects all claim amendments and replaces all prior versions, and listings, of claims in the application (material to be inserted is in **bold and underline**, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[ ]].

1-33. (Canceled)

34. (Previously presented) A method comprising:

sampling a signal of an analog video to generate a plurality of frames of digitized image data, each frame having a plurality of pixel values; and

substantially during said sampling, repeatedly:

selecting a sampled frame when pixel values differ from pixel values of a previously captured frame by a threshold amount and eliminating said sampled frame when pixel values fail to differ from the pixel values of the previously captured frame by the threshold amount;

capturing said selected sampled frame into a memory;

transmitting said captured frame to a display object; and

projecting said transmitted captured frame by said display object to replicate said analog video.

35. (New) The method of claim 34 wherein the threshold amount is selected to maintain phase noise below a threshold.

36. (New) The method of claim 34 wherein said selection and elimination when pixel values differ from pixel values of said previously captured frame further comprises comparing a numerical value for each color of each pixel.

37. (New) The method of claim 36 wherein the said selection and elimination further includes identifying a sampled frame whose pixel data differs from the pixel data of a previously captured frame by a threshold amount comprises identifying a sampled frame where a numerical difference between the values of each color of the sampled frame and the values of each color of the previously captured frame exceeds a selected numerical value.

38. (New) The method of claim 36 wherein the color for each pixel comprises red, green and blue.

39. (New) A method comprising:

generating a first inbound frame that is captured as the first reference frame and stored in frame memory;

generating a subsequent inbound frame;

comparing the first reference frame pixel-by-pixel to the subsequent inbound frame;

selectively capturing the subsequent inbound frame after determining that the first reference frame and the subsequent inbound frame exceeds a select threshold value;

storing the subsequent inbound frame for display by a display object; and

continually repeating the generating, comparing, capturing and storing throughout an image conversion.

40. (New) The method of claim 39, wherein generating a first inbound frame and a subsequent inbound frame is based on a pulsed vertical synchronizing signal.

41. (New) The method of claim 39 wherein the threshold value is selected to maintain phase noise below a threshold.

42. (New) The method of claim 39 wherein comparing pixel-by-pixel comprises comparing a numerical value for each color of each pixel.

43. (New) The method of claim 39 wherein comparing pixel-by-pixel comprises comparing the absolute value of the difference between any of the corresponding inbound and reference pixels.

44. (New) An apparatus comprising:

a frame conversion unit to convert frames of analog image data to frames of

digital image data;

a buffer coupled with the frame conversion to store the frame of digital imagedata and subsequent converted frames;

a pixel value comparator coupled with the buffer to compare pixel data of the frame ofdigital image data and pixel data from the subsequent converted frame to compare and identify a subsequent converted frame having pixel data that differs from the pixel data of the frame of digital image data by a threshold amount;

a capture switch configured to be set to on when the subsequent converted frame pixel data exceeds the threshold amount and where the capture switch is configured to be set to off when the subsequent converted frame pixel data is below the threshold amount;

a microcontroller configured to capture the subsequent converted frame with pixel data that exceeds the threshold amount for storage and display by a display object.

45. (New) The apparatus of claim 44 wherein the threshold amount is selected to maintain phase noise below a threshold.

46. (New) The apparatus of claim 44 wherein the pixel value comparator is configured to compare a numerical value for each color of each pixel.

47. (New) The apparatus of claim 44 wherein the pixel value comparator is configured to identify a subsequent converted frame where a numerical difference between the values of each color of the subsequent converted frame and the values of each color of the frame of digital image data exceeds a selected numerical value.

48. (New) The apparatus of claim 46 wherein the color for each pixel comprises red, green, and blue.